

MATERIAL STANDARD

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REV: November 6, 2002

**TAPE, ELECTRICAL, PRESSURE-SENSITIVE
LOW TEMPERATURE TYPE**

1. **Scope:** This specification covers plastic, weather-resistant, pressure-sensitive adhesive, self-extinguishing electrical insulating tape useable in a temperature range of -12°C (10°F) to 80°C (176°F).
2. **Applicable Specifications:** Except as modified herein, the tape shall meet the electrical, physical, and test requirements of Federal Specification HH-I-595a for Insulating Tape, Electrical, Pressure-Sensitive, Plastic for Low Temperature Application; or MIL-I-7798, Insulation Tape, Electrical, Pressure-Sensitive Adhesive, Plastic.
3. **Test Reports:** Where this specification is used as a basis for bidding to supply tape under a yearly contract, each bidder shall certify that the tape he intends to supply meets the requirements of Federal Specification HH-I-595.

Each bidder shall supply four rolls of tape for evaluation. These rolls may be tested by the City of Seattle, in accordance with Federal Specification HH-I-595a, or MIL-I-7798.

4. **Packaging:** Each roll shall be on a core of not less than one and one-half inch inside diameter. Each roll shall be individually packaged in plastic, cellophane, or metal containers, which shall be packaged in cartons with not more than one hundred rolls per carton.
5. **Freshness and Dating:** The City of Seattle will accept no tape manufactured more than twelve months prior to delivery. The date of manufacture shall be marked on each shipping carton. The manufacturer shall submit an identification number decoder, with an example, to allow Seattle City Light Receiving to verify the manufacture date from the manufacturer's identification number on the shipping carton.
6. **Color:** The color of the tape shall be black.

Reference Specifications: Federal Specification HH-I-595 and MIL-I-7798, latest revision.

Stock Unit: RL

Stock Number	Width, Inches	Thickness	Length, Feet
736655	3/4	7 mils minimum	66
736656	1-1/2	7 mils only	44 to 66

Approved Manufacturers			
Stock Number	Plymouth	Permacel	3M
736655	8801-00	P29+	15 or 37
736656	8805-00	P29+	15

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